WHAT IS CLAIMED IS:

1. A user interface device that causes a user interface-related window to be displayed on a display unit, which is capable of displaying various pieces of information,

5 said user interface device comprising:

a command input module that receives a user command;

a storage module that stores at least data of a first manipulation menu display field, data of a second manipulation menu display field, and data of a viewer display field for

10 displaying a processing object of each manipulation; and

a display control module that, when the user command received by said command input module is a first manipulation window display command, reads the data of the first manipulation menu display field and the data of the viewer

15 display field from said storage module and displays a first manipulation window, which includes the first manipulation menu display field arranged at a predetermined location on a periphery of the viewer display field, on said display unit and when the user command received by said command input module

20 is a second manipulation window display command, reads the data of the second manipulation menu display field and the data of the viewer display field from said storage module and displays a second manipulation window, which includes the second

manipulation menu display field arranged at a location different from the predetermined location on the periphery of the viewer display field, on said display unit,

in the case of input of the second manipulation window

5   display command during display of the first manipulation window on said display unit, said display control module sliding the first manipulation window to make the first manipulation menu display field disappear from the display on said display unit and to make the second manipulation menu display field appear

10   on the display on said display unit, while making the viewer display field remain on the display on said display unit, so as to display the second manipulation window on said display unit,

in the case of input of the first manipulation window

15   display command during display of the second manipulation window on said display unit, said display control module sliding the second manipulation window to make the second manipulation menu display field disappear from the display on said display unit and to make the first manipulation menu

20   display field appear on the display on said display unit, while making the viewer display field remain on the display on said display unit, so as to display the first manipulation window on said display unit.

2. A user interface device in accordance with claim 1, wherein the first manipulation window has the first manipulation menu display field located on a left side or a right side of the viewer display field,

5   the second manipulation window has the second manipulation menu display field located on the right side or the left side of the viewer display field, and

said display control module slides the first manipulation window or the second manipulation window leftward

10   or rightward.

3. A user interface device in accordance with claim 1, wherein the first manipulation window has the first manipulation menu display field located on an upper side or a lower side of the viewer display field,

15   the second manipulation window has the second manipulation menu display field located on the lower side or the upper side of the viewer display field, and

said display control module slides the first manipulation window or the second manipulation window upward

20   or downward.

4. A user interface device in accordance with claim 1, wherein said storage module stores a first manipulation window option bar corresponding to the first manipulation window

display command and a second manipulation window option bar corresponding to the second manipulation window display command,

for display of the first manipulation window on said

5   display unit, said display control module arrays the first manipulation window option bar and the second manipulation window option bar in an identical direction of an alignment of the viewer display field and the first manipulation menu display field and displays the first manipulation window option

10   bar longer and the second manipulation window option bar shorter, and

for display of the second manipulation window on said display unit, said display control module arrays the first manipulation window option bar and the second manipulation

15   window option bar in an identical direction of an alignment of the viewer display field and the second manipulation menu display field and displays the second manipulation window option bar longer and the first manipulation window option bar shorter.

20   5. A user interface device in accordance with claim 4, wherein said display control module slides the first manipulation window option bar and the second manipulation window option bar to change the longer side and the shorter

side, when the first manipulation window is slid to change over

the display to the second manipulation window on said display

unit or when the second manipulation window is slid to change

over the display to the first manipulation window.

5   6. A user interface device in accordance with claim 1,

wherein the first manipulation menu display field displays at

least one of a menu, a guidance, and a data setting input box

relating to image editing,

the second manipulation menu display field displays at

10   least one of a menu, a guidance, and a data setting input box

relating to image printing, and

the viewer display field displays an image as an object

of the image editing or the image printing.

7. A user interface device in accordance with claim 6,

15   wherein the viewer display field displays a captured image of

a motion picture as the object of the image editing or the image

printing.

8. A user interface device in accordance with claim 7,

said user interface device being mounted on a printer, which

20   connects with a disk recorder using a hard disk or a digital

versatile disc as a recording medium of motion pictures and

has a function of capturing a motion picture from the recording

medium of the disk recorder.

9. A user interface device in accordance with claim 1, said user interface device is a computer comprising said display unit, said command input module, said storage module, and said display control module.

5   10. A user interface display method by computer software that reads required data from a storage module, which stores at least data of a first manipulation menu display field, data of a second manipulation menu display field, and data of a viewer display field for displaying a processing object of each

10   manipulation, and displays the required data on a display unit, said user interface display method comprising the steps of:

(a) receiving a user command;

(b) when the user command is a first manipulation window display command, reading the data of the first manipulation

15   menu display field and the data of the viewer display field from said storage module and displaying a first manipulation window, which includes the first manipulation menu display field arranged at one side on periphery of the viewer display field, on said display unit;

20   (c) when the user command is a second manipulation window display command, reading the data of the second manipulation menu display field and the data of the viewer display field from said storage module and displaying a second manipulation

window, which includes the second manipulation menu display field arranged at the opposite side on the periphery of the viewer display field, on said display unit;

(d) in the case of input of the second manipulation window 5 display command during display of the first manipulation window on said display unit, sliding the first manipulation window to make the first manipulation menu display field disappear from the display on said display unit and to make the second manipulation menu display field appear on the display on said 10 display unit, while making the viewer display field remain on the display on said display unit, so as to display the second manipulation window on said display unit; and

(e) in the case of input of the first manipulation window display command during display of the second manipulation 15 window on said display unit, sliding the second manipulation window to make the second manipulation menu display field disappear from the display on said display unit and to make the first manipulation menu display field appear on the display on said display unit, while making the viewer display field 20 remain on the display on said display unit, so as to display the first manipulation window on said display unit.

11. A user interface device that causes a user interface-related window to be displayed on a display unit,

which is capable of displaying various pieces of information, said user interface device comprising:

a reception module that receives a radio signal transmitted from a remote control unit, in response to a press

5 of one of Up, Down, Left, Right, and OK keys on said remote control unit;

a radio signal identification module that identifies the radio signal received by said reception module as one of Up, Down, Left, Right, and OK commands;

10 a storage module that stores data for displaying at least a first manipulation window and a second manipulation window on said display unit; and

a display control module that, when the first manipulation window or the second manipulation window is read

15 from said storage module and is displayed on said display unit, executes a setting on the displayed manipulation window or a changeover of display to the other manipulation window, in response to one of the Up, Down, Left, Right, and OK commands identified by said radio signal identification module.

20 12. A user interface device in accordance with claim 11, wherein said storage module stores at least data of a first manipulation menu display field, data of a second manipulation menu display field, and data of a common display field for

displaying contents common to the first manipulation window and the second manipulation window as the data for displaying the first manipulation window and the second manipulation window,

5   for display of the first manipulation window on said display unit, said display control module reads the data of the first manipulation menu display field and the data of the common display field from said storage module and displays the first manipulation window, which has the first manipulation

10   menu display field arranged at a predetermined location on a periphery of the common display field, on said display unit,

          for display of the second manipulation window on said display unit, said display control module reads the data of the second manipulation menu display field and the data of the

15   common display field from said storage module and displays the second manipulation window, which has the second manipulation menu display field arranged at a location different from the predetermined location on the periphery of the common display field, on said display unit, and

20   while the first manipulation window or the second manipulation window is displayed on said display unit, when the command identified by said radio signal identification module represents a direction of the second manipulation menu

display field or the first manipulation menu display field from

a cursor position on the displayed first manipulation window

or second manipulation window, said display control module

displays the second manipulation window or the first

5   manipulation window on said display unit.

13. A user interface device in accordance with claim 12,

wherein the common display field is a viewer display field for

displaying a processing object of each manipulation.

14. A user interface device in accordance with claim 12,

10   wherein, while the first manipulation window or the second

manipulation window is displayed on said display unit, when

the command identified by said radio signal identification

module represents a direction of the second manipulation menu

display field or the first manipulation menu display field from

15   a cursor position on the displayed first manipulation window

or second manipulation window, said display control module

slides the first manipulation window or the second manipulation

window to make the first manipulation menu display field or

the second manipulation menu display field disappear   from the

20   display on said display unit and to make the second manipulation

menu display field or the first manipulation menu display field

appear on the display on said display unit, while making the

common display field remain on the display on said display unit,

so as to display the second manipulation window or the first

manipulation window on said display unit.

15. A user interface device in accordance with claim 12,

wherein said storage module stores a first manipulation window

5   option bar and a second manipulation window option bar,

for display of the first manipulation window on said

display unit, said display control module arrays the first

manipulation window option bar and the second manipulation

window option bar in an identical direction of an alignment

10   of the common display field and the first manipulation menu

display field and displays the first manipulation window option

bar longer and the second manipulation window option bar

shorter, and

for display of the second manipulation window on said

15   display unit, said display control module arrays the first

manipulation window option bar and the second manipulation

window option bar in an identical direction of an alignment

of the common display field and the second manipulation menu

display field and displays the second manipulation window

20   option bar longer and the first manipulation window option bar

shorter.

16. A user interface device in accordance with claim 15,

wherein said display control module slides the first

manipulation window option bar and the second manipulation window option bar to change the longer side and the shorter side, when the first manipulation window is slid to change over the display to the second manipulation window on said display

5   unit or when the second manipulation window is slid to change over the display to the first manipulation window.

17. A user interface device in accordance with claim 12, wherein the first manipulation menu display field displays at least one of a menu, a guidance, and a data setting input box

10   relating to image editing,

the second manipulation menu display field displays at least one of a menu, a guidance, and a data setting input box relating to image printing, and

the common display field displays preview of an image

15   as an object of the image editing or the image printing.

18. A user interface device in accordance with claim 17, wherein the common display field displays a captured image of a motion picture as the object of the image editing or the image printing.

20   19. A user interface device in accordance with claim 11, said user interface device is a computer comprising said reception module, said radio signal identification module, said storage module, and said display control module.

20. A user interface display method by computer software
that reads required data from a storage module, which stores
at least data of a first manipulation menu display field and
data of a second manipulation menu display field, and displays
5   the required data on a display unit, said user interface display
method comprising the steps of:

(a) receiving a radio signal transmitted from a remote
control unit, in response to a press of one of Up, Down, Left,
Right, and OK keys on said remote control unit;

10   (b) identifying the radio signal received in said step
(a) as one of Up, Down, Left, Right, and OK commands; and

(c) when the first manipulation window or the second
manipulation window is read from said storage module and is
displayed on said display unit, executing a setting on the
15   displayed manipulation window or a changeover of display to
the other manipulation window, in response to one of the Up,
Down, Left, Right, and OK commands identified in said step (b).